

INTRODUCTION TO DESIGN

Course Code: UMCD102

Time: 3 Hours

Full Marks: 100

Question no. 1 is compulsory. Answer any six (6) from the rest.

Question 1. Select the correct answer

Marks: 10x1 =10

- i. Which of the following statement defines Design?
 - a. Design is the creation of a plan or convention for the construction of an object, system or measurable human interaction.
 - b. Design is direct construction of an object.
 - c. Design don't need creativity
 - d. Design defines calculation
- ii. Which of the following statements do you think are true?
 - a. Applied art is not fine art.
 - b. Applied art is also considered as fine art.
 - c. Design is not a fine art.
 - d. Commercial art is considered as engineering.
- iii. Design is _____ to reach a solution for addressing a problem faced by human world within a fixed environment.
 - a. Continuous process
 - b. Complex process
 - c. Simple process
 - d. Rigorous process
- iv. Which of the below form has been considered as the umbrella term for Industrial design. Graphic design, Fashion design etc.
 - a. Performing art
 - b. Musical art
 - c. Applied art
 - d. Pop art
- v. The RENAISSANCE period in Europe was started in the
 - a. 1100s
 - b. 1200s
 - c. 1300s
 - d. 1400s
- vi. Greatest invention during world war --II



- a. Submarine
 - b. Satellite
 - c. Steam engine
 - d. Space ship
- vii. Staatliche's Bauhaus commonly known simply as Bauhaus, was a
- a. German designer
 - b. German art school
 - c. British design college
 - d. France museum
- viii. Leonardo da Vinci conceptualized the form of _____ during his time.
- a. Car
 - b. Rocket
 - c. Helicopter
 - d. Submarine
- ix. M. F. Husain is an Indian _____
- a. Painter
 - b. Designer
 - c. Dancer
 - d. Politician
- x. The usability function of a product is
- a. Aesthetic consideration
 - b. Engineering consideration
 - c. Scientific consideration
 - d. Ergonomic consideration

Question 2. Answer any three (3) questions in short.

Marks: 5x3 =15

- a. Define design using illustration.
- b. Define 2D form using illustration.
- c. Define 3D form using illustration.
- d. Describe what is Art and Social Science.
- e. How do you relate Engineering and Design?

Question 3. Objective of Design is to solve problems. How you will address or solve the following problems through an awareness poster? Visualize and illustrate a beautiful poster for any one (1) of the following problems along with brief description.

- i. Social problem related to girl's education.



- ii. Illiteracy
- iii. Child labour

Marks: 15

Question 4.

- a) What do you mean by indigenous technology? Briefly describe
- b) If you want to design a product using indigenous technology what kind of indigenously technology you will use and for what kind of product? Describe and illustrate the product.

Marks: 5+10

Question 5. Write short notes on the following subjects

- a) Influence of mobile on our day to day life
- b) Invention of Television changed our socio cultural behaviour
- c) Influence of Social media website

Marks: 5 x 3 = 15

Question 6. What is design process? Explain the stages in design process with supporting diagram.

Marks: 5 + 10 = 15

Question 7. Discuss role of design in creating the future considering the following areas.

- a) Virtual reality
- b) Future of transportation
- c) Artificial intelligence

Marks: 5 x 3 = 15

Question 8. Everything we use in our day to day life has a touch of design. You cannot ignore the influence of design. So, which product influence you most till now? Discuss and explain how it influenced you. Use illustration to explain wherever necessary.

Marks: 15

